Name of the work: Improvements to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No. 08

AGENCY:- Sri.Sreenivas Constructions.

Estimated cost: 10000000.00

Amount put to Tender as per Sanction : 9410874.08

Agreement No :- EE(Project)/Ynk Zone/WO/116/2018-19

Accepted Tendered Amount : 9410874.087

Head of Account :

EIRL -01 (PWD CSR 2018-19)

Sl.No.	Description	Unit	Qty	Rate	Amount	Whether the item is alternative to the item in Tender or whether they are in lieu of some items approved in the accepted tender	Whether the Extra item is in the sanctioned Estimate	Whether the extra item is included in SR if/No if to the item of the schedule to given if not data sheets to be included	Remarks
EIRL-1	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision I.No 20.5 of S.R 2018-19	Cum	606.60	2144.94	1301119.00	yes	No	(Page no , Item no 20.5.0 CSR 2018-19)	
EIRL-2	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer. Item No 24.41. SR No 2018-2019	Nos	288.00	384.08	110616.00	yes	No	(Page no , item no 24.4.1 CSR 2018-19)	
				Total Rs	1411735.00				

Percentage excess over the Amount put to Tender = EIRL Amount / Amount put to tender = 1411735.00 / 9410874.08 = 15.00 % age

For SREENIVAS CONSTRUCTIONS

Partner

Consultant

Assistant Engineer.

Assistant Executive Engineer 28/2/2020
Yalahanka Project Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

Executive Engineer 28/2/2020
Yalahanka Project Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

Name of the work: Improvements to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No. 08

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EIRL RATE ANALYSIS (PWD CSR 2018-19)

Sl No	Dscription.	Unit	Page	Item	Basic Rate	Lift charges	Total	AW @ 6%	SUB Total	12% gst	Total	Add T.P (-) 4%	Final Rate.
	CSR 2018-19												
EIRL-1	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision I.No 20.5 of S.R 2018-19	Cum	153	20.5	1882.00		1882.00	112.92	1994.92	239.39	2234.31	89.37	2144.94
EIRL-2	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer. Item No 24.41. SR No 2018-2019	No	187	24.41	337.00		337.00	20.22	357.22	42.87	400.09	16.00	384.08

Contractor.
For SREENIVAS CONSTRUCTIONS
PARTNER

Assistant Engineer.

Assistant Executive Engineer
Yalahanka Project Division
Bruhat Bangalore Mahanagara Palike
Bangalore.
28/2/2020

Executive Engineer,
Yalahanka Project Division
Bruhat Bangalore Mahanagara Palike
Bangalore.
28/2/2020

Name of the work: Improvements to Roads and Drains in Bhadrappa Layout and Surrounding area in Ward No. 08

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Head of Account :

RATE ANALYSIS -Work Slip- WORKS (PWD CSR 2016-17)

Sl No	Item Code	Dscription.	Unit	Page	Item	Basic Rate	Lift charges	Total	AW @ 6%	Total Rate	Add T.P (-) 4%	Final Rate.
10	19.14	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)	Cum		19.14	46.00	116	162.00	2.76	164.76	6.59	158.17
11	20.18	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)	Cum		20.18	1668.00		1668.00	100.08	1768.08	70.72	1697.36
12	21.6	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)	Nos		21.6	26.00		26.00	1.56	27.56	1.10	26.46

Consultant

For SREENIVAS CONSTRUCTIONS

PARTNER

Assistant Engineer.
Yalahanka Project Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

28/2/2020

Assistant Executive Engineer
Yalahanka Project Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

28/2/2020

Executive Engineer,
Yalahanka Project Division
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Bangalore.